



DEPARTMENT OF THE INTERIOR

Fish and Wildlife Service

[FWS-R8-ES-2022-N022; FXES11130800000-223-FF08E00000]

Endangered and Threatened Species; Receipt of Recovery Permit Applications

AGENCY: Fish and Wildlife Service, Interior.

ACTION: Notice of receipt of permit applications; request for comments.

SUMMARY: We, the U.S. Fish and Wildlife Service, have received applications for permits to conduct activities intended to enhance the propagation or survival of endangered or threatened species under the Endangered Species Act. We invite the public and local, State, Tribal, and Federal agencies to comment on these applications. Before issuing any of the requested permits, we will take into consideration any information that we receive during the public comment period.

DATES: We must receive your written comments on or before [INSERT DATE 30 DAYS AFTER DATE OF PUBLICATION IN THE *FEDERAL REGISTER*].

ADDRESSES: *Document availability and comment submission:* Submit requests for copies of the applications and related documents and submit any comments by one of the following methods. All requests and comments should specify the applicant name(s) and application number(s) (*e.g.*, **XXXXXX** or **PER0001234**).

- *Email:* permitsR8ES@fws.gov.
- *U.S. Mail:* Susie Tharratt, Regional Recovery Permit Coordinator, U.S.

Fish and Wildlife Service, 2800 Cottage Way, Room W-2606, Sacramento, CA 95825.

FOR FURTHER INFORMATION CONTACT: Susie Tharratt, via phone at 916-414-6561, or via email at permitsR8ES@fws.gov. Individuals in the United States who are deaf, deafblind, hard of hearing, or have a speech disability may dial 711 (TTY, TDD, or

TeleBraille) to access telecommunications relay services. Individuals outside the United States should use the relay services offered within their country to make international calls to the point-of-contact in the United States.

SUPPLEMENTARY INFORMATION: We, the U.S. Fish and Wildlife Service, invite the public to comment on applications for permits under section 10(a)(1)(A) of the Endangered Species Act, as amended (ESA; 16 U.S.C. 1531 *et seq.*). The requested permits would allow the applicants to conduct activities intended to promote recovery of species that are listed as endangered or threatened under the ESA.

Background

With some exceptions, the ESA prohibits activities that constitute take of listed species unless a Federal permit is issued that allows such activity. The ESA's definition of "take" includes such activities as pursuing, harassing, trapping, capturing, or collecting, in addition to hunting, shooting, harming, wounding, or killing.

A recovery permit issued by us under section 10(a)(1)(A) of the ESA authorizes the permittee to conduct activities with endangered or threatened species for scientific purposes that promote recovery or for enhancement of propagation or survival of the species. These activities often include such prohibited actions as capture and collection. Our regulations implementing section 10(a)(1)(A) for these permits are found in the Code of Federal Regulations at 50 CFR 17.22 for endangered wildlife species, 50 CFR 17.32 for threatened wildlife species, 50 CFR 17.62 for endangered plant species, and 50 CFR 17.72 for threatened plant species.

Permit Applications Available for Review and Comment

Proposed activities in the following permit requests are for the recovery and enhancement of propagation or survival of the species in the wild. The ESA requires that we invite public comment before issuing these permits. Accordingly, we invite local, State, Tribal, and Federal agencies and the public to submit written data, views, or

arguments with respect to these applications. The comments and recommendations that will be most useful and likely to influence agency decisions are those supported by quantitative information or studies.

Application Number	Applicant, City, State	Species	Location	Take activity	Permit Action
82155B	Johanna C. Page, Pasadena, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) 	CA	Capture, handle, release, and collect vouchers	Renew.
PER0005173	Thomas P. Ryan, Monrovia, California	<ul style="list-style-type: none"> • California least tern (<i>Sterna antillarum browni</i>) • California Ridgway's rail (<i>Rallus [longirostris] obsoletus obsoletus</i>) • Light-footed Ridgway's rail (<i>Rallus obsoletus levipes</i>) • Southern willow flycatcher (<i>Empidonax traillii extimus</i>) • Least Bell's vireo (<i>Vireo bellii pusillus</i>) 	CA	Play taped vocalizations, locate and monitor nests, erect and use cameras, install and remove fence pens, float eggs, capture, mark-recapture, handle, measure, band, color-band, release, collect nonviable eggs for predator control program, collect breast feathers, remove brown-headed cowbird (<i>Molothrus ater</i>) eggs and chicks from parasitized nests	Renew.

065741	John C. Lovio, San Diego, California	<ul style="list-style-type: none"> • Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>) • Least Bell's vireo (<i>Vireo bellii pusillus</i>) • Quino checkerspot butterfly (<i>Euphydryas editha quino</i>) • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) 	CA	Pursue, capture, handle, release, and collect vouchers, play taped vocalizations, locate and monitor nests, and remove brown-headed cowbird (<i>Molothrus ater</i>) eggs and chicks from parasitized nests	Renew.
797233	Entomological Consulting Services, Ltd., Richard Arnold, Pleasant Hill, California	<ul style="list-style-type: none"> • Ohlone tiger beetle (<i>Cicindela ohlone</i>) • Palos Verdes blue butterfly (<i>Glaucosyche lygdamus palosverdesensis</i>) • El Segundo blue butterfly (<i>Euphilotes battoides allyni</i>) • Smith's blue butterfly (<i>Euphilotes enoptes smithi</i>) • lotis blue butterfly (<i>Lycaeides argyrognomon lotis</i>) 	CA	Pursue, capture, handle, release, mark burrow, translocate, and conduct ecological studies and habitat enhancement	Renew.

		<ul style="list-style-type: none"> • Mount Hermon June beetle (<i>Polyphulla barbata</i>) • Behren's silverspot butterfly (<i>Speyeria zerene behrensii</i>) • Zayante band-wind grasshopper (<i>Trimerotropis infantilis</i>) 			
84210B	Amy Storck, Fair Oaks, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) 	CA	Capture, handle, release, and collect vouchers	Renew.
092162	Andrew Borchert, Lakeside, California	<ul style="list-style-type: none"> • Quino checkerspot butterfly (<i>Euphydryas editha quino</i>) 	CA	Pursue	Renew.
796271	Shana Dodd, San Diego, California	<ul style="list-style-type: none"> • Pacific pocket mouse (<i>Perognathus longimembris pacificus</i>) • San Bernardino kangaroo rat (<i>Dipodomys merriami parvus</i>) 	CA	Capture, handle, mark, collect tissue or hair, and release	Renew.
063429	Department of Water Resources, Karin Dulik, Fresno, California	<ul style="list-style-type: none"> • Buena Vista shrew (<i>Sorex ornatus relictus</i>) • Giant kangaroo rat (<i>Dipodomys ingens</i>) 	CA	Capture, handle, and release	Renew.

		<ul style="list-style-type: none"> • Fresno kangaroo rat (<i>Dipodomys nitratoides exilis</i>) • Tipton's kangaroo rat (<i>Dipodomys nitratoides nitratoides</i>) 			
018909	Kelly Rios, Brea, California	<ul style="list-style-type: none"> • Quino checkerspot butterfly (<i>Euphydryas editha quino</i>) • El Segundo blue butterfly (<i>Euphilotes battoides allyni</i>) • San Bernardino kangaroo rat (<i>Dipodomys merriami parvus</i>) 	CA	Pursue, capture, handle, and release	Renew.
036550	Nina L. Kidd, Kidd Biological, Inc., Anacortes, Washington	<ul style="list-style-type: none"> • Quino checkerspot butterfly (<i>Euphydryas editha quino</i>) 	CA	Pursue	Renew.
02351A	Timothy J. Searl	<ul style="list-style-type: none"> • Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>) 	CA	Play taped vocalizations, locate and monitor nests, and remove brown-headed cowbird (<i>Molothrus ater</i>) eggs and chicks from parasitized nests	Renew.
56489B	Jonathan T. Koehler, Corte Madera, California	<ul style="list-style-type: none"> • California freshwater shrimp (<i>Syncaris pacifica</i>) 	CA	Harass by survey, capture, handle, and release	Renew.
018180	Point Reyes National Seashore, Point Reyes Station, California	<ul style="list-style-type: none"> • Sonoma alopecurus (<i>Alopecurus aequalis</i> var. <i>sonomensis</i>) • Tidestrom's lupine (<i>Lupinus tidestromii</i>) • Beach layia (<i>Layia carnosa</i>) 	CA	Collect seeds, whole plants, and plant parts	Renew.

		<ul style="list-style-type: none"> • Sonoma spineflower (<i>Chorizanthe valida</i>) • Robust spineflower (<i>Chorizanthe robusta</i> var. <i>robusta</i>) 			
PER0025577	Michael S. Henry, Folsom, California	<ul style="list-style-type: none"> • California tiger salamander (Santa Barbara County Distinct Population Segment (DPS), and Sonoma County DPS) (<i>Ambystoma californiense</i>) 	CA	Capture, handle, and release	New.
36221C	Jason R. Peters, Sacramento, California	<ul style="list-style-type: none"> • California tiger salamander (Santa Barbara County Distinct Population Segment (DPS), and Sonoma County DPS) (<i>Ambystoma californiense</i>) 	CA	Capture, handle, and release	Renew and Amend.
005535	Gilbert Goodlett, San Diego, California	<ul style="list-style-type: none"> • Delhi Sands flower-loving fly (<i>Rhaphiomidas terminates abdominalis</i>) • Quino checkerspot butterfly (<i>Euphydryas editha quino</i>) 	CA	Pursue	Renew.
139634	Thomas Liddicoat, Vista, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) 	CA	Capture, handle, collect vouchers, and release	Renew.

		<ul style="list-style-type: none"> • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) 			
72549C	Marty A Lewis, Carson, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) 	CA	Capture, handle, collect vouchers, and release	Renew.
141359	Stephen Stringer, El Dorado Hills, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) 	CA	Capture, handle, collect vouchers, and release	Renew.

77125D	Zachary A. Cava, Sacramento, California	<ul style="list-style-type: none"> • California tiger salamander (Santa Barbara County Distinct Population Segment (DPS), and Sonoma County DPS) (<i>Ambystoma californiense</i>) • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) • 	CA	Capture, handle, collect vouchers, and release	Renew.
PER0034685	Mohave National Wildlife Preserve, Barstow, California	<ul style="list-style-type: none"> • Mojave tui chub (<i>Siphateles bicolor mohavensis</i>) 	CA	Capture by hand, seine, net or trap, handle, measure, hold temporarily, collect non-lethal fin clip, and release, collect voucher specimen	New.
031850	Gretchen Cummings, Ramona, California	<ul style="list-style-type: none"> • Quino checkerspot butterfly (<i>Euphydryas editha quino</i>) 	CA	Pursue	Renew.
PER0040489	Tara Johnson-Kelly, Salinas, California	<ul style="list-style-type: none"> • California tiger salamander (Santa Barbara County Distinct 	CA	Capture, handle, and release	New.

		Population Segment (DPS), and Sonoma County DPS) (<i>Ambystoma californiense</i>)			
PER0034449	Western Foundation of Vertebrate Zoology, Linnea Hall, Camarillo, California	<ul style="list-style-type: none"> • Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>) • Least Bell's vireo (<i>Vireo bellii pusillus</i>) 	CA	Play taped vocalizations, locate and monitor nests, and remove brown-headed cowbird (<i>Molothrus ater</i>) eggs and chicks from parasitized nests	Renew and Amend.
60151B	Lisa A. Allen, Deer Park, Washington	<ul style="list-style-type: none"> • Least Bell's vireo (<i>Vireo bellii pusillus</i>) 	CA	Locate and monitor nests, and remove brown-headed cowbird (<i>Molothrus ater</i>) eggs and chicks from parasitized nests	Renew.
92799B	Karl Fairchild, Fullerton, California	<ul style="list-style-type: none"> • Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>) 	CA	Play taped vocalizations	Renew.
PER002326	Ryan Quilley, San Diego, California	<ul style="list-style-type: none"> • Quino checkerspot butterfly (<i>Euphydryas editha quino</i>) 	CA	Pursue	Amend.
63359B	Jennifer Radtkey, Oakland, California	<ul style="list-style-type: none"> • Quino checkerspot butterfly (<i>Euphydryas editha quino</i>) • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) 	CA	Pursue, capture, handle, collect vouchers, and release	Renew.

		<ul style="list-style-type: none"> • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) 			
59592B	Angela M. Johnson, Escondido, California	• Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>)	CA	Play taped vocalizations	Renew.
PER0040490	Anna L. Erway, Alameda, California	• California tiger salamander (Santa Barbara County Distinct Population Segment (DPS), and Sonoma County DPS) (<i>Ambystoma californiense</i>)	CA	Capture, handle, and release	New.
60151B	Sarah Godfrey, Aliso Viejo, California	• Pacific pocket mouse (<i>Perognathus longimembris pacificus</i>)	CA	Capture, handle, mark, track, collect genetic samples, and release	New.
86906B	Yosemite National Park, Robert Grasso, El Portal, California	<ul style="list-style-type: none"> • Mountain yellow-legged frog (<i>Rana muscosa</i>) • Sierra Nevada yellow-legged frog (<i>Rana sierrae</i>) 	CA	Capture, handle, and release	Renew.
PER0038601	Monica M. Jacinto, Oxnard, California	• California least tern (<i>Sterna antillarum browni</i>)	CA	Harass by survey, locate and monitor nests	New.
052159	Jeffrey L. Ahrens, Irvine, California	• Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>)	CA	Play taped vocalizations	Renew.
797665	RECON Environmental, Inc., Wendy Loeffler, San Diego, California	• Quino checkerspot butterfly (<i>Euphydryas editha quino</i>)	CA	Pursue, play taped vocalizations, locate and monitor nests,	Renew.

		<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) • California Orcutt grass (<i>Orcuttia californica</i>) • San Diego button-celery (<i>Eryngium aristulatum</i> var. <i>parishii</i>) • San Diego Mesa-mint (<i>Pogogyne abramsii</i>) • Otay Mesa-mint (<i>Pogogyne nudiuscula</i>) • Munz's onion (<i>Allium munzii</i>) • San Diego ambrosia (<i>Ambrosia pumila</i>) • Del Mar manzanita (<i>Arctostaphylos glandulosa crassifolia</i>) • Willowy monardella (<i>Monardella viminea</i>) • Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>) • Least Bell's vireo (<i>Vireo bellii pusillus</i>) 		capture, handle, collect vouchers and genetic samples, and release; Collect seeds, whole plants, and plant parts on federal lands	
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		<ul style="list-style-type: none"> • Pacific pocket mouse (<i>Perognathus longimembris pacificus</i>) • San Bernardino kangaroo rat (<i>Dipodomys merriami parvus</i>) 			
84165D	Andrew Hatch, South Lake Tahoe, California	<ul style="list-style-type: none"> • California tiger salamander (Santa Barbara County Distinct Population Segment (DPS) and Sonoma County DPS) (<i>Ambystoma californiense</i>) • Mountain yellow-legged frog (<i>Rana muscosa</i>) • Sierra Nevada yellow-legged frog (<i>Rana sierrae</i>) • Unarmored threespine stickleback (<i>Gasterosteus aculeatus williamsoni</i>) 	CA	Harass by survey, capture, handle, swab and release	Renew.
082546	Elkhorn Slough National Estuarine Research Reserve, Kerstin Wasson, Watsonville, California	<ul style="list-style-type: none"> • Santa Cruz long-toed salamander (<i>Ambystoma macrodactylum croceum</i>) 	CA	Capture, handle, and release	Renew.
PER0001234	Christopher Searcy, Coral Gables, Florida	<ul style="list-style-type: none"> • Santa Cruz long-toed salamander (<i>Ambystoma macrodactylum croceum</i>) 	CA	Capture by hand or trap, handle, measure, collect tissue samples, rescue, and release	New.
837308	John Konency, Valley Center, California	<ul style="list-style-type: none"> • Arroyo (=arroyo southwestern) toad (<i>Anaxyrus californicus</i>) • California least tern (<i>Sterna antillarum browni</i>) 	CA, AZ	Harass by survey, capture, handle, release, monitor nests, remove brown-headed cowbird (<i>Molothrus ater</i>) eggs and	Amend.

		<ul style="list-style-type: none"> • Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>) • California Ridgway's rail (<i>Rallus [longirostris] obsoletus obsoletus</i>) • Light-footed Ridgway's rail (<i>Rallus [longirostris] obsoletus levipes</i>) • Yuma Ridgway's rail (<i>Rallus obsoletus yumanensis</i>) 		chicks from parasitized nests, erect nest exclosures, collect infertile eggs, swab, mark, and attach radio transmitters	
157216	U.S. Geological Survey, Western Ecological Research Center – Dixon Field Station, Brian J. Halstead, Dixon, California	<ul style="list-style-type: none"> • San Francisco garter snake (<i>Thamnophis sirtalis tetrataenia</i>) • Dixie Valley toad (<i>Anaxyrus williamsi</i>) 	CA, NV	Harass by survey, capture, measure, handle, swab, mark, and release, collect tissue samples (toe-clip), conduct mark-recapture studies, conduct ecological research	Renew and Amend.
50899B	Barbara Kus, San Diego, California	<ul style="list-style-type: none"> • Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>) • Least Bell's vireo (<i>Vireo bellii pusillus</i>) 	CA, NV, NM, AZ	Play taped vocalizations, monitor nests, capture, collect genetic samples, handle, and band and remove brown-headed cowbird (<i>Molothrus ater</i>) eggs and chicks from parasitized nests	Renew.
807078	Point Reyes Bird Observatory, Point Reyes Station, California	<ul style="list-style-type: none"> • Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>) • Least Bell's vireo (<i>Vireo bellii pusillus</i>) 	CA	Harass by survey, play taped vocalizations, monitor nests, remove unviable	Renew and Amend.

		<ul style="list-style-type: none"> • California least tern (<i>Sterna antillarum browni</i>) • California Ridgway's rail (<i>Rallus [longirostris] obsoletus obsoletus</i>) 		eggs, capture, collect genetic samples, handle, and band and remove brown-headed cowbird (<i>Molothrus ater</i>) eggs and chicks from parasitized nests	
85074C	U.S. Geological Survey, Western Ecological Research Center – Dixon Field Station, Cory Overton	<ul style="list-style-type: none"> • California Ridgway's rail (<i>Rallus [longirostris] obsoletus obsoletus</i>) 	CA	Play taped vocalizations, capture, handle, band, radio-tag, nest monitor, collect blood and feathers, candle/float eggs, salvage nonviable egg and carcass, transport, translocate, and release	Renew and Amend.
13115C	Lisa Henderson, San Ramon, California	<ul style="list-style-type: none"> • Salt marsh harvest mouse (<i>Reithrodontomys raviventris</i>) 	CA	Capture, handle, tag, collect samples (hair) and release	Renew and Amend.
89994B	Daria Snider, Madrone Ecological Consulting, LLC, Sacramento, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • Vernal pool tadpole shrimp (<i>Lepidurus</i> 	CA	Capture, handle, collect voucher specimens, and release	Renew.

		<i>packardi</i>)			
72119B	Seth Dallman, Half Moon Bay, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) 	CA	Capture, handle, collect voucher specimens, and release	Renew.
43597A	Dana McLaughlin, Chula Vista, California	<ul style="list-style-type: none"> • Pacific pocket mouse (<i>Perognathus longimembris pacificus</i>) • San Bernardino kangaroo rat (<i>Dipodomys merriami parvus</i>) 	CA	Harass by survey, capture, handle, utilize track tubes, and release	Renew.
036499	National Park Service – Golden Gate National Recreation Area, Darren Fong, San Francisco, California	<ul style="list-style-type: none"> • Freshwater shrimp (<i>Syncaris pacifica</i>) • San Francisco garter snake (<i>Thamnophis sirtalis tetrataenia</i>) • Mission blue butterfly (<i>Icaricia icarioides missionensis</i>) • San Bruno butterfly (<i>Callophrys mossii bayensis</i>) • Tidewater goby (<i>Eucyclobius newberryi</i>) • California seablite (<i>Suaeda californica</i>) • Franciscan manzanita 		Harass by survey, capture, handle, collect voucher specimens, collect tissue for isotopic analysis, and release; Collect seeds, whole plants, and plant parts on Federal lands	Renew and Amend.

		<p>(<i>Arctostaphylos franciscana</i>)</p> <ul style="list-style-type: none"> • Presidio manzanita (<i>Arctostaphylos hookeri</i> var. <i>ravenii</i>) • Hickman's potentilla (<i>Potentilla hickmanii</i>) • Presidio clarkia (<i>Clarkia franciscana</i>) • Marsh sandwort (<i>Arenaria paludicola</i>) • San Francisco lessingia (<i>Lessingia germanorum</i>) 			
839078	Spencer Langdon, San Pedro, California	<ul style="list-style-type: none"> • California least tern (<i>Sterna antillarum browni</i>) 	CA	Harass by survey, locate and monitor nests	Renew.
PER0038601	Monica M. Jacinto, Oxnard, California	<ul style="list-style-type: none"> • California least tern (<i>Sterna antillarum browni</i>) 	CA	Harass by survey, locate and monitor nests	New.
89991B	Sarah VonderOhe, Sacramento, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) 	CA	Capture, handle, collect voucher specimens, and release	Renew.
85618B	Christopher Bronny, Folsom, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) 	CA	Capture, handle, collect voucher specimens, and release	Renew.

		<ul style="list-style-type: none"> • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardii</i>) 			
785564	Bumgardner Biological Consulting – Michael Bumgardner, Gold River, California	<ul style="list-style-type: none"> • California Ridgway's rail (<i>Rallus [longirostris] obsoletus obsoletus</i>) • California tiger salamander (Santa Barbara County Distinct Population Segment (DPS), and Sonoma County DPS) (<i>Ambystoma californiense</i>) • Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>) 	CA	Play taped vocalizations, locate and monitor nests, capture, handle, collect vouchers, and release	Renew.
48149A	Tammy Lim, Oakland, California	<ul style="list-style-type: none"> • San Francisco garter snake (<i>Thamnophis sirtalis tetrataenia</i>) • California tiger salamander (Santa Barbara County Distinct Population Segment (DPS) and Sonoma County DPS) (<i>Ambystoma californiense</i>) 		Harass by survey, capture, handle, swab for disease, and release	Renew and Amend.

134334	Lincoln Hulse, Mission Viejo, California	<ul style="list-style-type: none"> • San Bernardino kangaroo rat (<i>Dipodomys merriami parvus</i>) 	CA	Capture, handle, and release	Renew.
036065	Korey Klutz, Carlsbad, California	<ul style="list-style-type: none"> • Quino checkerspot butterfly (<i>Euphydryas editha quino</i>) 	CA	Pursue	Renew.
092476	Scott Quinnell, California Department of Transportation, San Bernardino, California	<ul style="list-style-type: none"> • Quino checkerspot butterfly (<i>Euphydryas editha quino</i>) 	CA	Pursue	Renew.
88748B	Erika Walther, Oakland, California	<ul style="list-style-type: none"> • Salt marsh harvest mouse (<i>Reithrodontomys raviventris</i>) • California tiger salamander (Santa Barbara County Distinct Population Segment (DPS) and Sonoma County DPS) (<i>Ambystoma californiense</i>) • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) 	CA	Capture, handle, collect vouchers, and release	Renew.

01769B	Jesse Reeb, Monk and Associates, Oakland, California	<ul style="list-style-type: none"> • San Francisco garter snake (<i>Thamnophis sirtalis tetrataenia</i>) • California Ridgway's rail (<i>Rallus [longirostris] obsoletus obsoletus</i>) 	CA	Play taped vocalizations, capture, handle, and release	Renew.
071215	Rebecca Doubledde, Oakland, California	<ul style="list-style-type: none"> • Sierra Nevada yellow-legged frog • California tiger salamander (Santa Barbara County Distinct Population Segment (DPS) and Sonoma County DPS) (<i>Ambystoma californiense</i>) 	CA	Capture, handle, and release	Renew.
89964A	Debra Barringer, Ventura, California	<ul style="list-style-type: none"> • California least tern (<i>Sterna antillarum browni</i>) 	CA	Harass by survey, locate and monitor nests	Renew and Amend.
786728	Jules Evans, Avocet Research Associates, LLC, Point Reyes Station, California	<ul style="list-style-type: none"> • California Ridgway's rail (<i>Rallus [longirostris] obsoletus obsoletus</i>) 	CA	Play taped vocalizations	Renew.
137006	Thea Benson, Thousand Oaks, California	<ul style="list-style-type: none"> • Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>) 	CA	Play taped vocalizations, locate and monitor nests	Renew.
006112	Gretchen Flohr, Grass Valley, California	<ul style="list-style-type: none"> • Salt marsh harvest mouse (<i>Reithrodontomys raviventris</i>) • California tiger salamander (Santa Barbara County Distinct Population Segment (DPS), and Sonoma County DPS) (<i>Ambystoma californiense</i>) 	CA	Capture, handle, collect vouchers, and release	Renew.

		<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) 			
176209	San Francisco International Airport, San Francisco, California	<ul style="list-style-type: none"> • San Francisco garter snake (<i>Thamnophis sirtalis tetrataenia</i>) 	CA	Harass by survey, capture, handle, swab for disease, and release	Renew.
80703A	Seth Reimers, San Diego, California	<ul style="list-style-type: none"> • Quino checkerspot butterfly (<i>Euphydryas editha quino</i>) 	CA	Pursue	Renew.

Public Availability of Comments

Written comments we receive become part of the administrative record associated with this action. Before including your address, phone number, email address, or other personal identifying information in your comment, you should be aware that your entire comment—including your personal identifying information—may be made publicly available at any time. While you can request in your comment that we withhold your personal identifying information from public review, we cannot guarantee that we will be able to do so. All submissions from organizations or businesses, and from individuals identifying themselves as representatives or officials of be made available for public disclosure in their entirety.

Next Steps

If we decide to issue permits to any of the applicants listed in this notice, we will publish a notice in the *Federal Register*.

Authority

We publish this notice under section 10(c) of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 *et seq.*).

Peter Erickson,
Acting Regional Endangered Species Program Manager,
Pacific Southwest Region,
Sacramento, California.

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